U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

Form PTO-948 (Rev. 06/03) 09862 946 Application No.

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

drawing(s) filed (insert date) 03/22/6/ A. approved by the Draftsperson under 37 CFR 1.84 or	arc:
A. approved by the Draitsperson under 37 CFR 1.84 of	of 1.132.
B. objected to by the Draftsperson under 37 CFR 1.84	or 1.132 for the reasons indicated below. Corrected
drawings are required.	
	A TO ANGENERAL OF MENE 22 CER 1 84(1)
1. DRAWINGS. 37 CFR 1.84(a): Acceptable	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
categories of drawings: Black ink or	Words do not appear on a horizontal, lest-to-right
Color (3 sets required).	fashion when page is either upright or turned so
Color drawings are not acceptable until petition is	that the top becomes the right side, except for
granted. Fig(s)	graphs. Fig(s)
Pencil and non black ink not permitted. Fig(s)	9. SCALE. 37 CFR 1.84(k)
Pencil and not black the not permitted. Tig(3)	Scale not large enough to show mechanism
2. PHOTOGRAPHS. 37 CFR 1.84(b)	without crowding when drawing is reduced in
One (1) full-tone set is required. Fig(s)	
Photographs may not be mounted. 37 CFR 1.84(e)	size to two-thirds in reproduction.
Photographs must meet paper size requirements of	Fig(s)
37 CFR 1.84(f). Fig(s)	10. CHARACTER OF LINES, NUMBERS, &
Poor quality (half-tone). Fig(s)	LETTERS. 37 CFR 1.84(1)
3. TYPE OF PAPER. 37 CFR 1.84(e)	Lines, numbers & letters not uniformly thick and
Paper not flexible, strong, white, and durable.	well defined, clean, durable, and black (poor line
	quality). Fig(s) - 3
Fig(s)	
Erasures, alterations, overwritings, interlineations,	11. SHADING. 37 CFR 1.84(m)
folds, copy machine marks not accepted.	Solid black areas pale. Fig(s)
Fig(s)	Solid black shading not permitted. Fig(s)
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable	12. NUMBERS, LETTERS, & REFERENCE
sizes:	CHARACTERS. 37 CFR 1.84(p)
21.0 cm by 29.7 cm (DIN size A4) or	Numbers and reference characters not plain and
21.6 cm by 27.9 cm (8 1/2x 11 inches)	legible. Fig(s)
21.6 cm by 27.9 cm (6 1/2x 11 mones)	Figure legends are poor. Fig(s)
All drawing sheets not the same size.	Numbers and reference characters not oriented in
Sheet(s)	the same direction as the view. 37 CFR 1.84(p)(
Drawings sheets not an acceptable size. Fig(s)	
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:	Fig(s)
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm	English alphabet not used. 37 CFR 1.84(p)(2)
Margins not acceptable. Fig(s)	Fig(s)
Top (T) Left (L)	Numbers, letters and reference characters must be
Right (R) Bottom (B)	at least 32 cm (1/8 inch) ip height, 37 CFR
	1.84(p)(3). Fig(s)
6. VIEWS. 37 CFR 1.84(h)	13. LEAD LINES, 37 CFR 1.84(q)
REMINDER: Specification may require revision to	
correspond to drawing changes, e.g., if Fig. 1 is	Lead lines missing. Fig(s)
changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the	14. NUMBERING OF SHEETS OF DRAWINGS.
specification, at the Brief Description of the Drawings,	37 CFR 1.84(t)
must likewise be changed.	Sheets not numbered consecutively, and in Arabi
Views not labeled separately or properly.	numbers beginning with number 1. Sheet(s)
	15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
Fig(s) 37 CFR 1 84(bV3)	Views not numbered consecutively, and in Arabi
7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)	numerals, beginning with number 1. Fig(s)
Sectional designation should be noted with	16. DESIGN DRAWINGS. 37 CFR 1.152
Arabic or Roman numbers. Fig(s)	16. DESIGN DRAWINGS. 37 CFR 1.132
7 duble of frontain frontain and a gray	Surface shading shown not appropriate.
	Fig(s)
	Solid black surface shading is not permitted exce
	when used to represent the color black as well as
	color contrast. Fig(s)
	SV.
COMMENTS:	· · · · · · · · · · · · · · · · · · ·
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ou have questions, call (703) 305 5401 1	

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